

RE: Hurricane Matthew tropical weather update, 10/04/2016

Gregory Graves

Tue 10/4/2016 5:02 PM

To: Mattison, David <david.mattison@ncdenr.gov>; Samantha Urquhart-Foster <urquhart-foster.samantha@epa.gov>; Walker Jones <walker.jones@amecfw.com>; Cynthia Draper <cynthia.draper@amecfw.com>;

Cc: Joseph Keller <JKeller@gesonline.com>; Prashant Gupta (prashant.gupta@honeywell.com) <prashant.gupta@honeywell.com>; Richard Moore <RMoore@gesonline.com>; Daniel Dabkowski <DDabkowski@gesonline.com>; Welch, Jamie D (jamie.welch@amecfw.com) <jamie.welch@amecfw.com>;

Good afternoon Mr. Mattison,

I am just following up on our status at the LCP-Holtrachem site in preparation for potential Hurricane or tropical storm conditions in the coming days.

At this time forecast projections have continued to move the path of Matthew further west, potentially impacting or even landfalling in Florida, prior to impacting the coastal regions of Georgia and South and North Carolina. The current rainfall projection for Riegelwood is for little- to no rain through Thursday, and approximately five inches of rain on Friday and Saturday, followed by clearing weather. These projections will change as the storm track resolves more accurately and we will monitor closely, but if the current projections prove accurate we will adequate capacity to contain the volume without implementing emergency pumping.

We are continuing operating the waste water treatment plant on a 24-hr basis to reduce the water levels in the ponds as much as possible. Below are the pond freeboard levels as of 4PM today;

South Pond: 3' 6" freeboard

North Pond : approx. 9' freeboard

We have staged the emergency equipment (emergency pump, storm drain covers, etc...) so they are ready for use in case of need.

Sincerely,

R. Gregory Graves, PG

GES, Inc.

321.229.0562

From: Gregory Graves

Sent: Monday, October 03, 2016 12:20 PM

To: 'Mattison, David'; Samantha Urquhart-Foster; Walker Jones; Cynthia Draper

Cc: Joseph Keller; Prashant Gupta (prashant.gupta@honeywell.com); Richard Moore; Daniel Dabkowski (ddabkowski@gesonline.com)

Subject: RE: Hurricane Matthew tropical weather update, 10/03/16

Good Morning Mr. Mattison,

Walker and I spoke a short while ago. In response to potential for Hurricane Matthew, we are currently operating the waste water treatment plant on a 24-hr basis to reduce the water levels in the ponds as much as possible. Below are the pond freeboard levels as of this morning;

South Pond: 2' 9" freeboard

North Pond : approx. 9' freeboard

We plan to run the plant continuously all week alternating pumping from the south and north ponds to reduce water levels in both. Fortunately, current rain projections through Thursday are for no rain. Current rain projections for Friday through the weekend are for about 2 inches of rain.

We have, or are working, on staging the emergency equipment (emergency pump, storm drain covers, etc...) so they are ready for use in case of need.

Currently long-range forecasts and spaghetti models show a trend for the storm stay off the coast, however; we will be continuously monitoring the rain projections, and most importantly the projected storm path throughout the week, and will provide updates as needed.

Sincerely,

R. Gregory Graves, PG

GES, Inc.

321.229.0562

From: Mattison, David [<mailto:david.mattison@ncdenr.gov>]

Sent: Monday, October 03, 2016 11:40 AM

To: Samantha Urquhart-Foster; Walker Jones; Cynthia Draper; Gregory Graves

Subject: Fwd: Hurricane Matthew tropical weather update, 10/03/16

Walker,

What is the status of Hurricane Matthew preparations at the LCP-Holtrachem site in Riegelwood NC?

Please feel free to contact me if you have any questions or concerns.

Thanks,

Dave

David B. Mattison

Environmental Engineer

Federal Remediation Branch

Superfund Section

**Division of Waste Management
North Carolina Department of Environmental Quality**

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Begin forwarded message:

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To: "Polk, Brian" <brian.polk@ncdenr.gov>, "Kritzer, Jamie" <jamie.kritzer@ncdenr.gov>, "Backus, Pat" <pat.backus@ncdenr.gov>, "Lawrence, Ernest" <ernest.lawrence@ncdenr.gov>, "Burch, Brent" <brent.burch@ncdenr.gov>, "Watkins, Jason" <jason.watkins@ncdenr.gov>, "Williams, Ray" <ray.williams@ncdenr.gov>, "Mattison, David" <david.mattison@ncdenr.gov>, "Bateson, James" <james.bateson@ncdenr.gov>, "Ishak, Leann" <leann.ishak@ncdenr.gov>, "Barnhardt, Art" <art.barnhardt@ncdenr.gov>, "Hammonds, Andrew" <andrew.hammonds@ncdenr.gov>
Cc: "Lorscheider, Ellen" <ellen.lorscheider@ncdenr.gov>, "Woosley, Julie" <julie.woosley@ncdenr.gov>, "Scott, Michael" <michael.scott@ncdenr.gov>
Subject: FW: Hurricane Matthew tropical weather update, 10/03/16

To the DWM Disaster Communication Team – please see the morning update from NCEM on Hurricane Matthew. The 11am update from the National Hurricane Center remains pretty much the same track. http://www.nhc.noaa.gov/refresh/graphics_at4+shtml/145545.shtml?5-daynl#contents

I know some of your programs have recently dealt with flooding issues in eastern NC related to your facilities, spills, etc. Please provide any updates that your staff may have related to preparations occurring for the possible hurricane.
Solid waste staff will be on a SERT update call this afternoon at 330p and will provide updates as we have them throughout the week

Jason M. Watkins
Field Operations Branch Head
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From: Davis, Steve [<mailto:Steve.Davis@ncdps.gov>]

Sent: Monday, October 3, 2016 8:44 AM

To: Brittingham, Cathy <cathy.brittingham@ncdenr.gov>; Duncan, Russell <Russell.Duncan@ncdenr.gov>; Sadosky, Rebecca <rebecca.sadosky@ncdenr.gov>; Midgette, Robert <robert.midgette@ncdenr.gov>; Godreau, Jessica <jessica.godreau@ncdenr.gov>; JESSUP, John <jjessup@ncpga.org>; Hatcher, Eric <eric.hatcher@cfpua.org>; Richardson, Michael <Michael.Richardson@cfpua.org>; Hotchkiss, Nelle <nelle.hotchkiss@ncemcs.com>; Rouse, Jay <jay.rouse@ncemcs.com>; Kellen, Joshua L <jlkellen@ncdot.gov>; McGraw, Emily O <emcgraw@ncdot.gov>; colleen.schmidt@charter.com; Korb, Ronald E <Ronald.Korb@charter.com>; Patterson, Keith <kp0452@att.com>; Rebecca Wyhof <wyhof@nctia.org>; bill.wright@ftr.com; Aspey, Darryl <Darryl.Aspey@dhs.gov>; Paul, Allan <hapaul@ncdot.gov>; Easterling, Cynthia <Cynthia.L.Easterling@nccourts.org>; Marilyn.Carrington@nccourts.org; Morgan.Naleimale@nccourts.org; Clint.stone@ole.tsa.dhs.gov; MacDonald, Ken <ken.macdonald@dhs.gov>; Vollert, Kathy M <kmvollert@ncdot.gov>; Hicks, Greg <greg.hicks@ncagr.gov>; cook, Shane <Shane.Cook@ncdenr.gov>; Denton, Bill <bill.denton@ncdenr.gov>; Aja, Deborah <deborah.aja@ncdenr.gov>; Watkins, Jason <jason.watkins@ncdenr.gov>; MORGAN, Lexi <lexim@ncrma.org>; Robinson, Elizabeth <elizabethr@ncrma.org>; TSAI, David <David.Tsai@duke-energy.com>; MINTER, Heather <Heather.Minter@duke-energy.com>; kent.fonvielle@duke-energy.com; Lewis, Steven <steve.lewis@ncdenr.gov>; Kangkolo, George <george.kangkolo@ncdenr.gov>; Reid, Mike <mike.reid@ncdenr.gov>; Carole Woodward <woodward@nctia.org>; Dixon, John E <jedixon@ncdot.gov>; PEKRUN, Pam <pam.pekrun@dom.com>; PANZER, Louis <louis@nc811.org>; Taylor, Kenneth <kenneth.b.taylor@ncdenr.gov>; janelle.M.Mavis@usace.army.mil; Hammonds, Andrew <andrew.hammonds@ncdenr.gov>; Robert.Mielish@hq.dhs.gov; Waldroup, Kenneth <Kenneth.Waldroup@raleighnc.gov>; 'tony.gallagher@ncdenr.gov'; Montanez, Tammy <tmontanez@ncdot.gov>; Wilson, Clarice <clarice.wilson@electricities.com>; Atkinson, Brad <brad.atkinson@ncdenr.gov>; Dashbold, Mega <mega.dashbold@ncdenr.gov>; Sharif, Yusuf A <yasharif@ncdenr.gov>; Devane, Boyd <boyd.devane@ncdenr.gov>; Robinson, Erica <erica.robinson@ncdenr.gov>; Kang, Daniel <daniel.kang@ncdenr.gov>; Smock, Roger D <rdsmock1@ncdot.gov>; Tim, Donnie R <drtim@ncdot.gov>; McGowan, David <McGowanD@api.org>
Cc: Davis, Oscar (NCEM) <Oscar.Davis@ncdps.gov>; Garrett, Steve (NCEM) <Steve.Garrett@ncdps.gov>; Bobbitt, Stacey (NCEM) <Stacey.Bobbitt@ncdps.gov>; Brown, Todd

(NCEM) <Todd.Brown@ncdps.gov>

Subject: Hurricane Matthew tropical weather update, 10/03/16

Please see the forwarded NCEM tropical weather update on Hurricane Matthew. A new WebEOC Event: Hurricane Matthew 2016 is open for information and updates related to storm activity. Before posting any storm related information, please make sure you are logged into the correct event. Hurricane Matthew 2016 is set as the default event. Contact me, (919) 825-2309, or Oscar Davis, (919) 825-2273, if you have questions or need additional information.

Thanks,
Steve

From: Kalbaugh, Kevin

Sent: Monday, October 03, 2016 8:29 AM

Subject: NCEM Tropical Weather Update (October 3, 2016) - AM

Good morning,

As of 8:00AM this morning, Hurricane Matthew remains a Category 4 storm with maximum sustained winds of 130 MPH. This system will continue to slowly track northward for the next 24-36 hours, before curving towards the north-northwest or northwest. Overall, the forecast track has been shifted slightly to the west and is once again slower than the previous update. Forecast models are starting to come into better agreement with a more westward track.

Impacts to North Carolina will arrive as early as late Thursday with increased wave action and strong rip currents. More significant impacts are possible late Friday through Sunday, but will be largely dependent on the exact track. Confidence is increasing that at the very least, coastal North Carolina will see gusty winds, several inches of rain, minor beach erosion, and minor coastal flooding over the weekend.

The next NCEM Tropical Weather Update will be sent by 7:00PM today. Please let me know if you have any questions.



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